

# Play is the Work of Children





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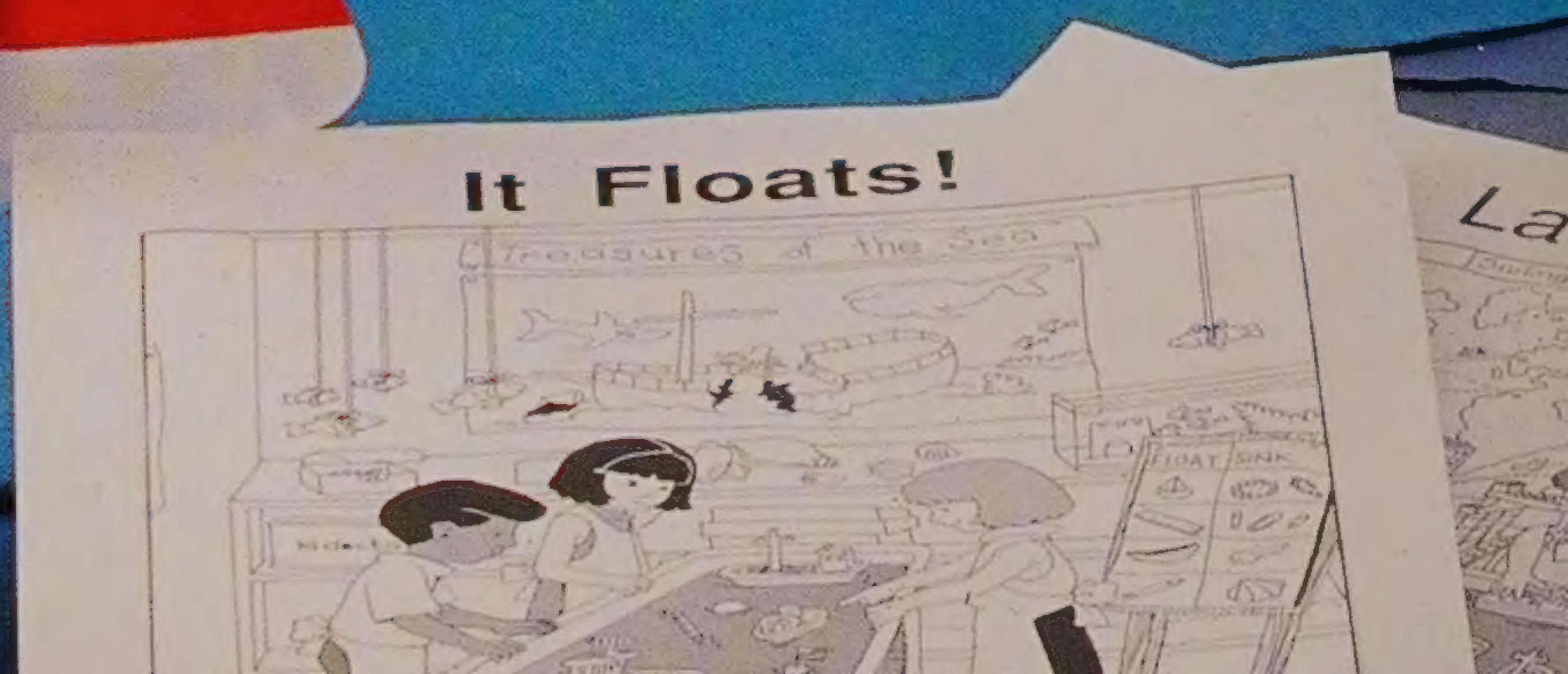
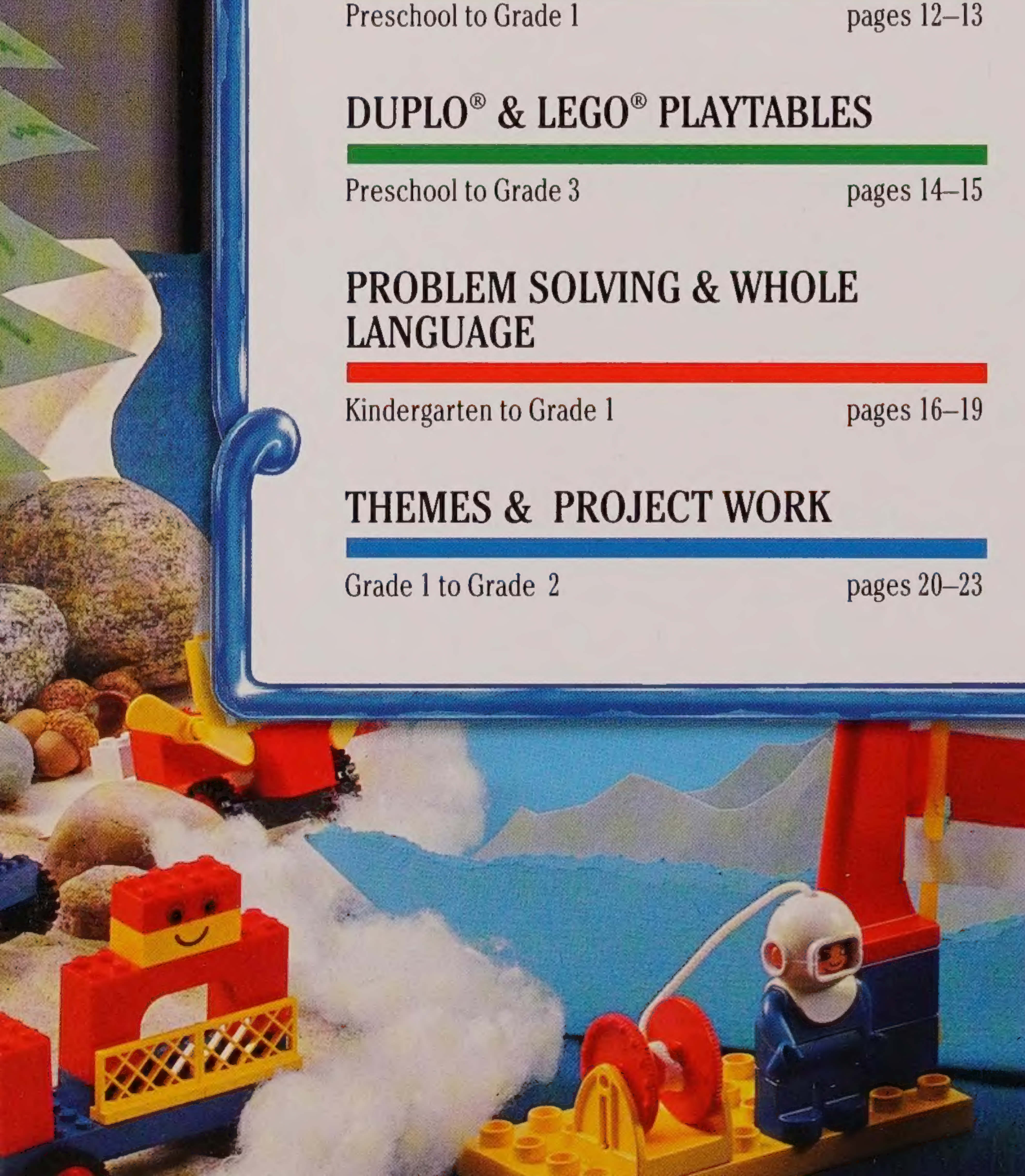
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# Introduction

Dear Educator,

Welcome to the exciting world of LEGO DACTA®, the educational division of the LEGO Group. Our goal within the framework of this brochure is to provide educators and children with the very best quality manipulatives and curriculum support. These materials help encourage children, within their spontaneous play, to explore, experiment, and invent. The building sets and curriculum support materials featured are packaged for small group use in a learning center environment.

We have carefully chosen, and classroom tested, an appropriate mix of functional pieces plus basic building blocks that will help foster cooperative learning and bolster a child's inquiry skills.

As preschoolers begin to grow, their building and thought patterns become more sophisticated. They draw upon their own experiences and the world around them for building ideas. In their building projects they are subconsciously learning to:

- make choices
- observe cause and effect and experiment with alternative solutions
- discover similarities and differences in length, size, shape, and color
- experiment with spatial concepts and relationships
- solve problems and rethink solutions that don't work

We at LEGO DACTA are proud to be part of building the future, where our products are used to provide children with a **motivation to learn in an active learning environment where the process of building is much more important than the product.**

Thank you for joining us in our commitment to education

... because young minds matter™

Stewart McMeeking  
General Manager  
LEGO DACTA  
P.O. Box 1600  
555 Taylor Road  
Enfield, CT 06083-1600

*PS: For ordering information, call 1-800-527-8339 for the educational distributor or teacher store nearest you.*



Ho!

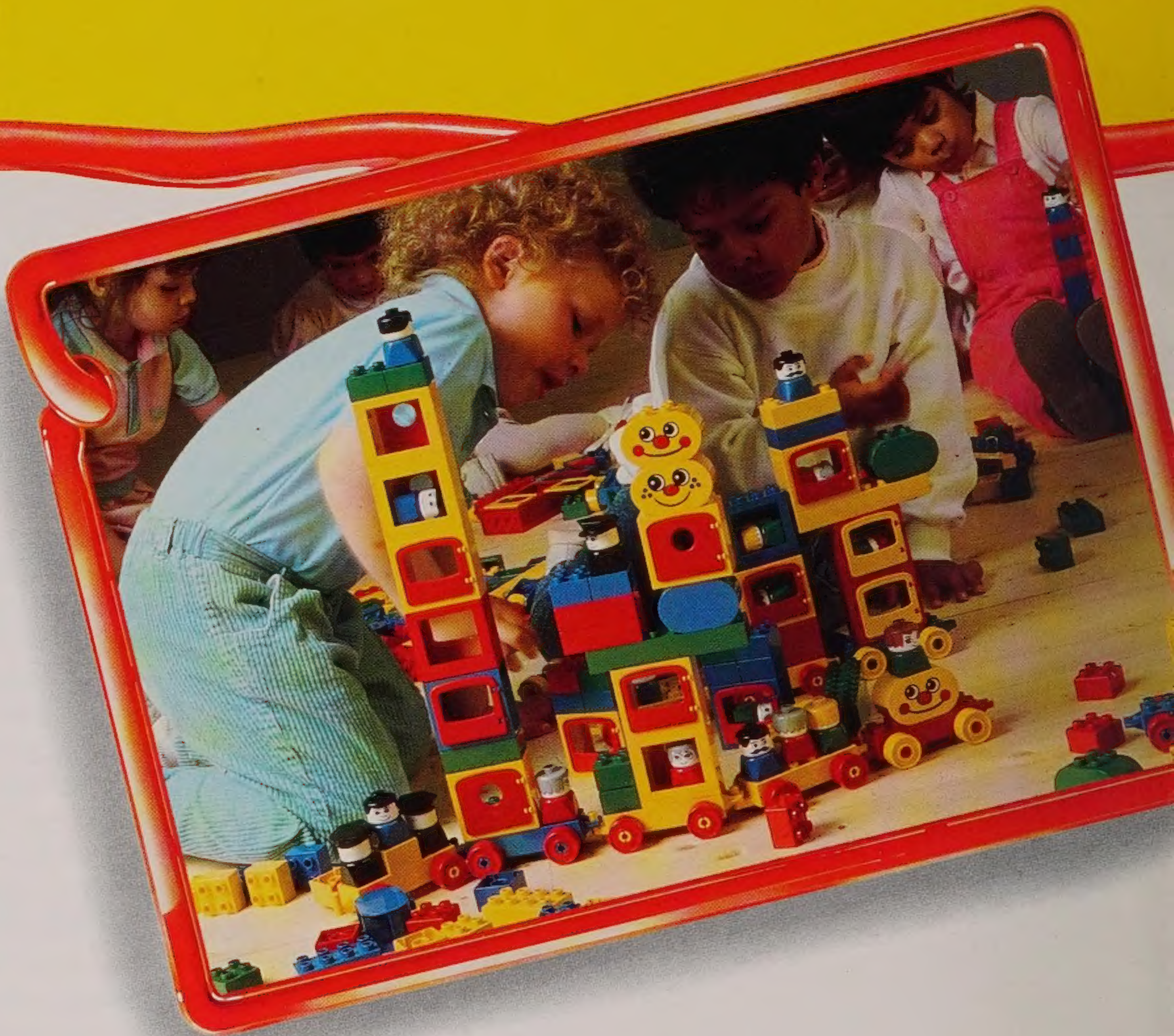


# COGNITIVE DEVELOPMENT

Preschool to Kindergarten

## Early Childhood Experiences

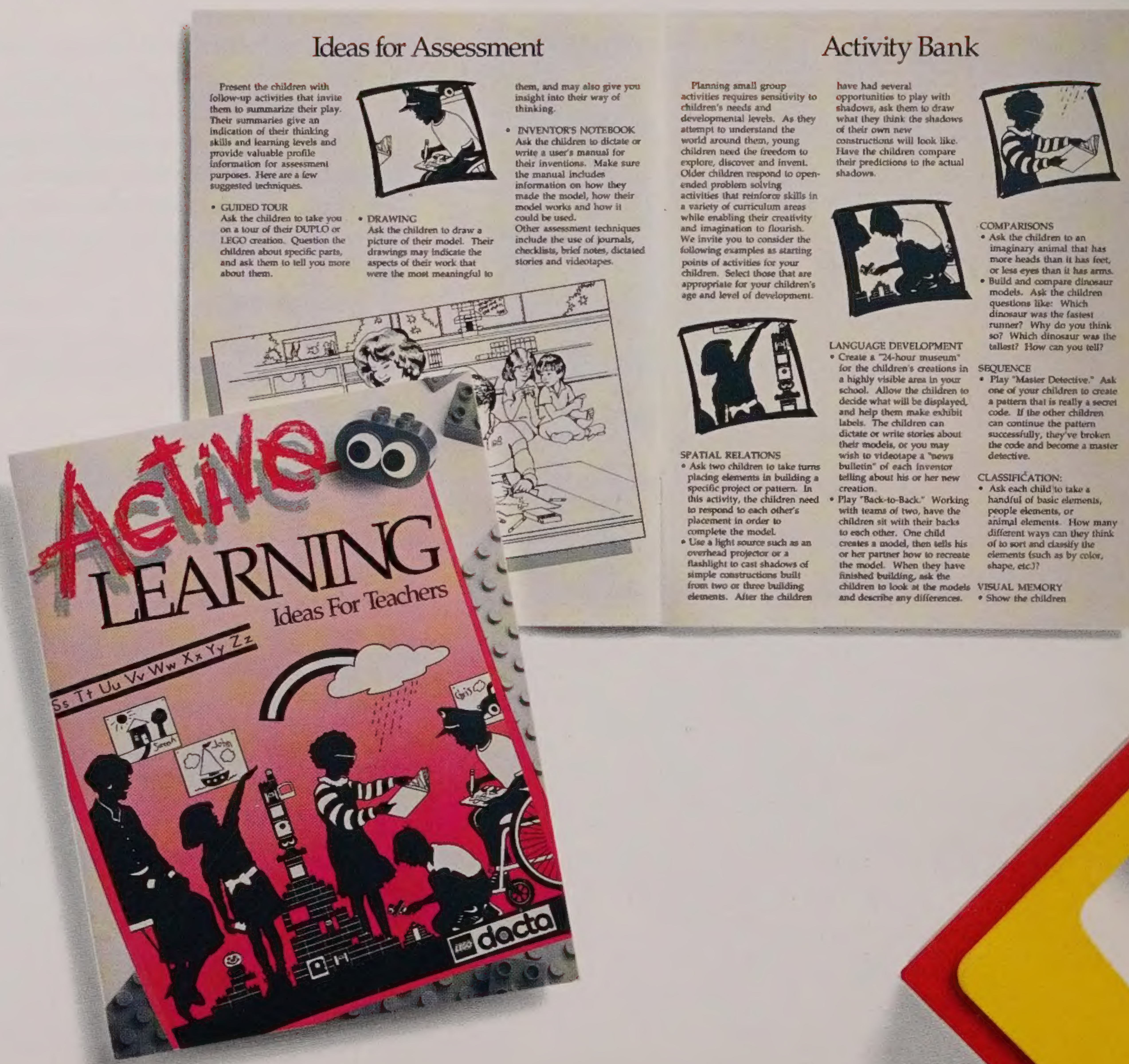
-  Exploration
-  Socialization
-  Language Development
-  Motor Skills
-  Spatial Relationships
-  Number Concepts



## Curriculum Support Materials

Curriculum support is available with almost all of our LEGO DACTA® products. This support, we feel, is essential in helping you meet the high goals you set for yourself. This literature can be easily integrated into your current learning program and can be adapted to different developmental levels.

The literature pictured at right is a sample from the *Active Learning: Ideas For Teachers* 8-page booklet. This booklet is full of ideas and activities on how to use DUPLO® and LEGO® sets in your classroom. It discusses observational techniques, skill and concept development, extending children's play and assessment ideas. Teacher support materials help to reinforce your children's basic cognitive skills and allow each child to develop at his or her own pace. This booklet is available free with selected LEGO DACTA sets.





9051



SPECIAL OFFER

### 9051 Giant DUPLO® Basic Set \$88.50

During play, children can build towers, bridges and trains easily with the large DUPLO elements. This 190-piece set includes 12 friendly DUPLO people, wagons that roll, googley eyes that move, doors/windows that open and close, a large red storage bin and plenty of our basic building bricks.

*\*20 FREE Activity cards available via a box-inserted coupon*

### 9056 Extra DUPLO Bricks \$26.25

Everything your children need to build extra-tall towers, imaginary animals or big homes! This 94-piece set of assorted supplemental building bricks is an excellent add-on to any existing DUPLO set.

*\*A FREE Active Learning: Ideas for Teachers, 8-page booklet available via a box-inserted coupon.*

### 9058 Two Large DUPLO Building Plates \$21.50

Excellent for group project work or displaying your class creations. One red and one green plate each measure 15" x 15".

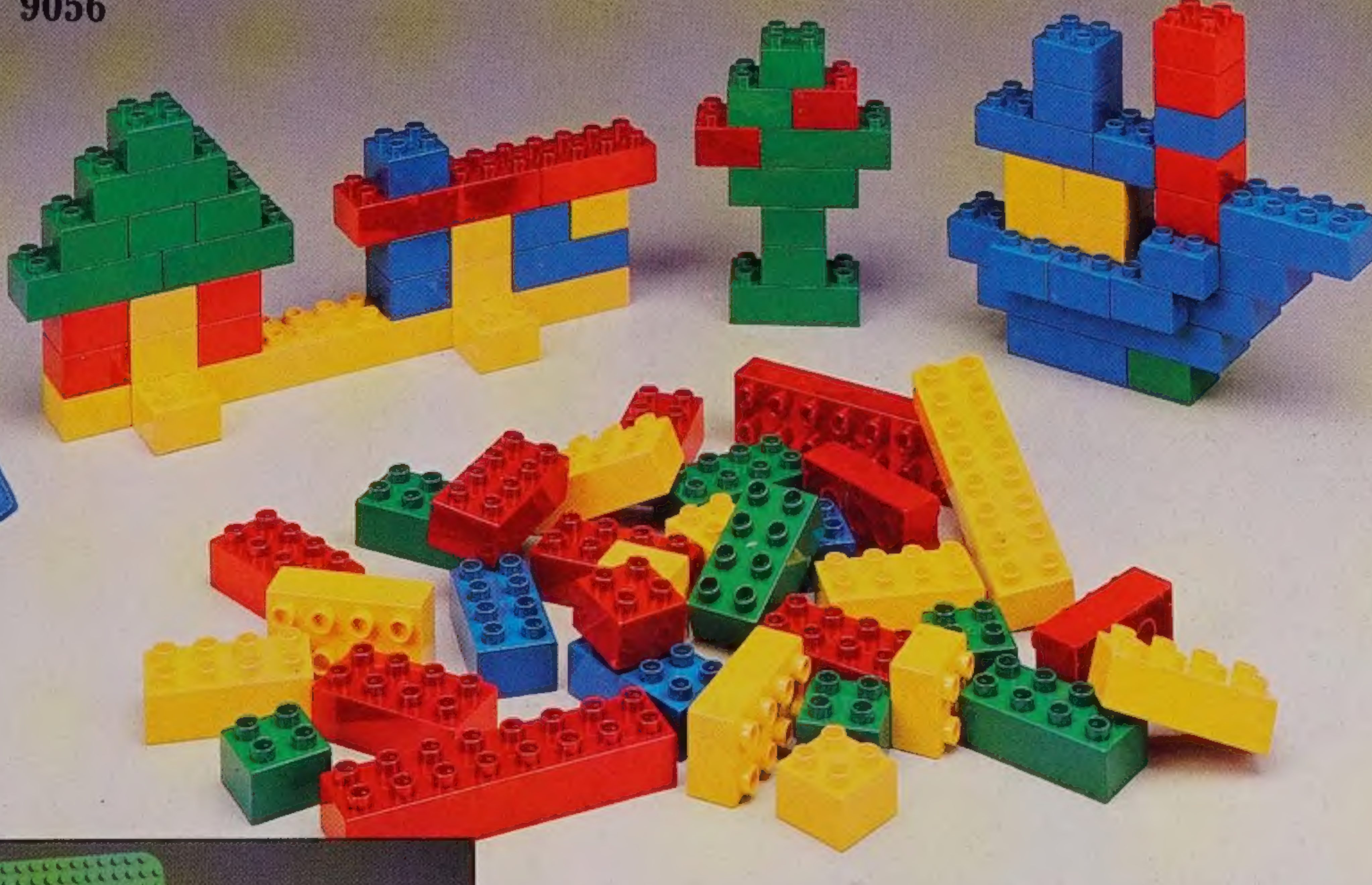
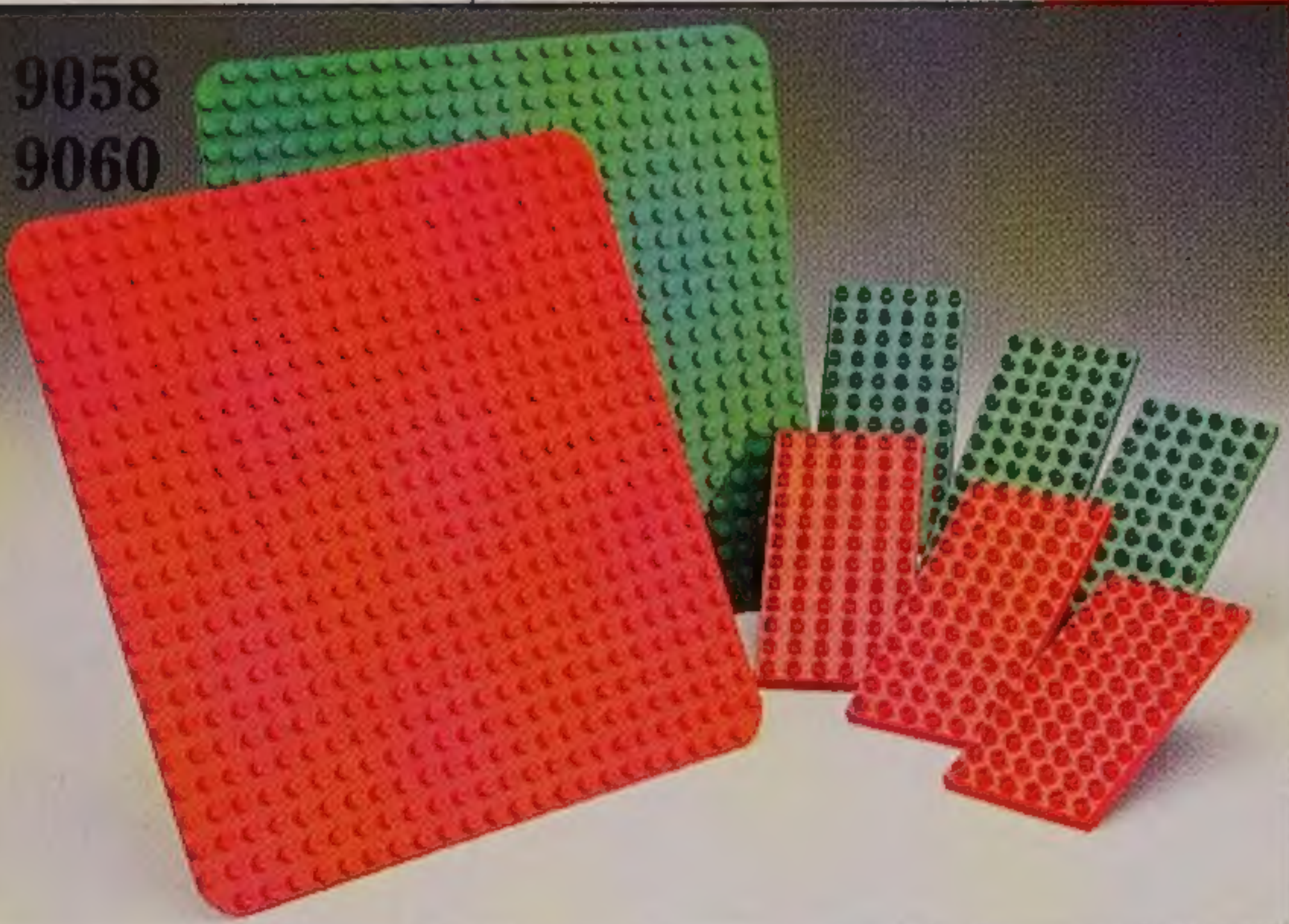
### 9060 Six Small DUPLO Building Plates \$15.25

Each plate has studs on the top and couplings on the bottom so that the children can build above and below the plate. Great for individual projects! Three green and three red plates each measure 3.7" x 7.5".

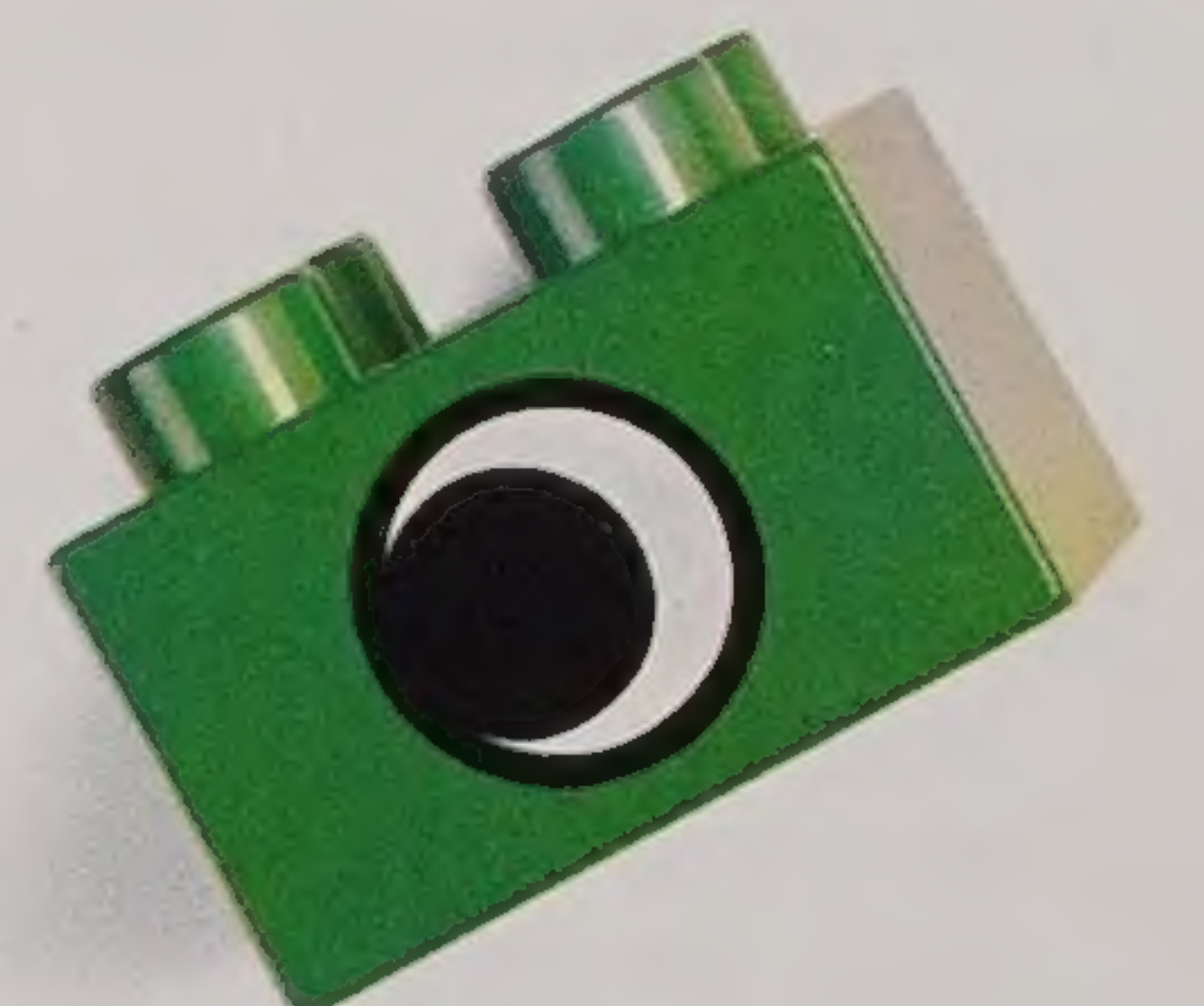
### 9987 DUPLO Basic Bucket \$24.25

These bricks are the perfect size for small hands to manipulate, fostering success in even your youngest builders. This 65-piece set includes DUPLO bricks in 4 bright colors and 8 different shapes along with special elements such as eye bricks and curved elements shaped like claws and beaks. A great value for your classroom.

9056

9058  
9060

9987









# COGNITIVE DEVELOPMENT

Preschool to Kindergarten

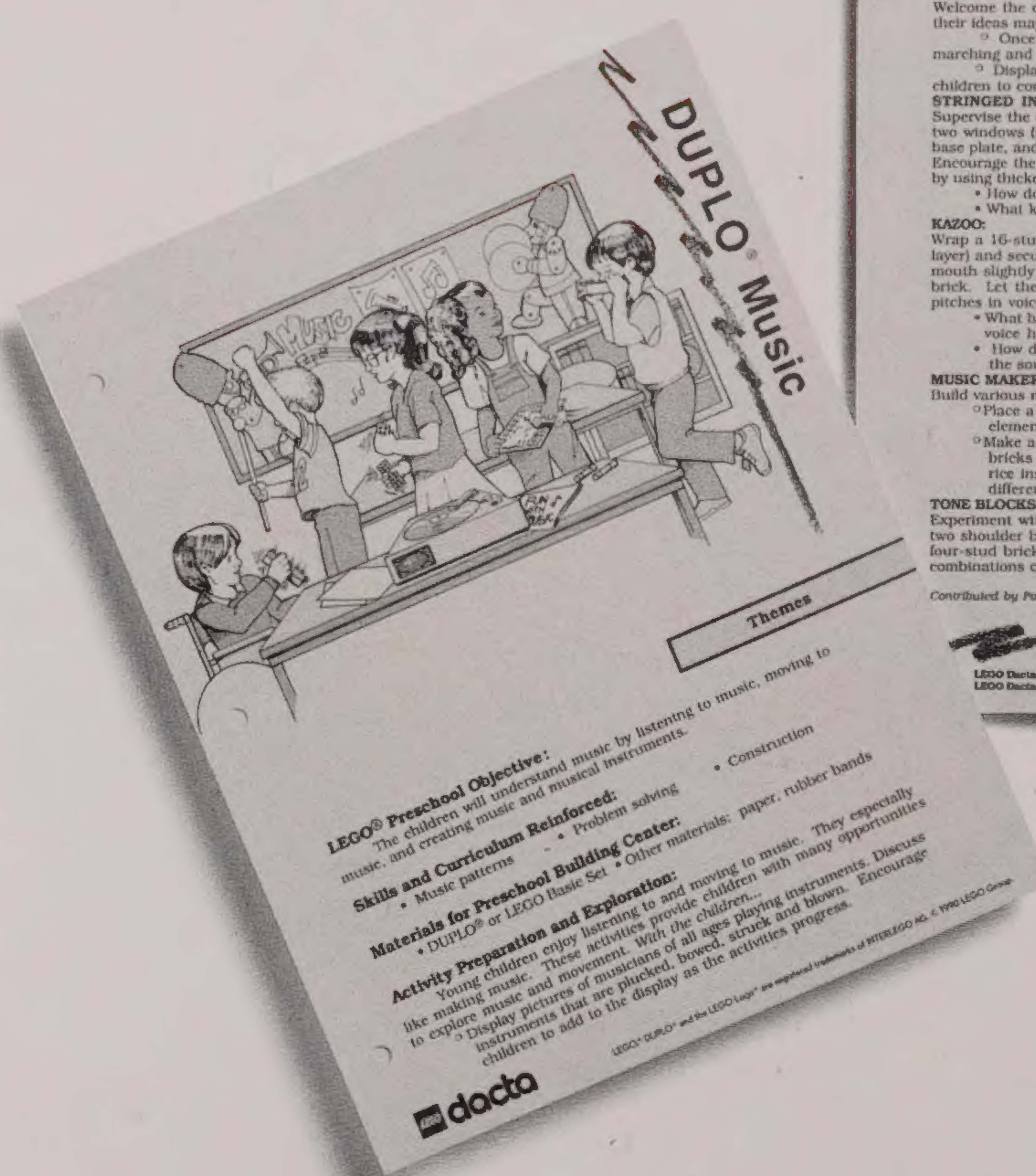
## Early Childhood Experiences

-  Active Learning
-  Experimentation
-  Problem Solving
-  Seriation
-  Classification



## Curriculum Support Materials

The literature pictured at right is a sample from the "Our Future Is ..." Activity Binder. The binder contains a selection of preschool and primary activity cards for use with our DUPLO® and LEGO® early childhood products. Each card reinforces a number of different skills and curriculum areas. The cards address the major cognitive skill areas and themes found in early childhood education and follow the NAEYC guidelines on developmentally appropriate practices. The cards are also available free with the purchase of selected LEGO DACTA® sets. The card featured, "DUPLO Music", is a selection from the preschool assortment and provides children with many opportunities to explore music and movement.



- Encourage the children to ask questions about music and instruments. Invite child and adult musicians to answer the children's questions.
- Play music at various times of the day. Name instruments as they become dominant in music. Talk about favorite music, musicians, and instruments. Attend a concert. Discuss your views about the music.
- Explore ways to make music with your bodies. Make short sounds by clapping and make long sounds by humming.
- Explore ways to create music with rhythm instruments and "found" instruments, such as keys or cans.

### Activities to Extend the DUPLO Music theme:

- Let the children organize a DUPLO band from DUPLO elements. Welcome the children's suggestions and experimentation, even if you believe their ideas may not work. You may be pleasantly surprised!
- Once everyone has an instrument, have a parade with the children marching and playing in time to a familiar selection of lively music.
- Display the DUPLO instruments in a "music museum." Encourage the children to construct variations of their instruments and invent others.

### STRINGED INSTRUMENT:

Supervise the creation of a string instrument using two windows facing out, two 16-stud bricks, a large base plate, and rubber bands. Play the instrument. Encourage the children to change its design, such as by using thicker rubber bands. Make and use a bow.

- How does the change affect the sound?
- What kind of sound does the bow make?

**KAZOO:** Wrap a 16-stud brick tightly with notebook paper (one layer) and secure the ends with rubber bands. With mouth slightly open, hum along the long side of the brick. Let the children experiment with different pitches in voice and different kinds of paper.

- What happens to the sound when you make your voice high? low?
- How does the thickness of the paper affect the sound of the kazoo?

### MUSIC MAKERS:

Build various music makers. Here are some ideas.

- Place a four-stud brick inside a door/window element, securing it with two rubber bands.
- Make a shaker by putting together two 16-stud bricks with unpopped popcorn or uncooked rice inside. Build shakers with elements of different sizes.

### TONE BLOCKS:

Experiment with differences in sound made by clapping two shoulder bricks together and by clapping two four-stud bricks together. Experiment with different combinations of bricks and the sounds they make.

Contributed by Pam Olsen-Wright, Richmond, VA

LEGO Dacta USA, 150 Taylor Road, P.O. Box 1600, Eastford, CT 06026-1600 (1-800-537-4000)  
LEGO Dacta Canada, 251 Avenue St., Markham, ON, Canada L3R 9J7 (416-940-6000)



9053



NEW

**9053 DUPLO® Basic Set — Vehicles \$50.00 NEW**

Creating with DUPLO elements helps children master basic skills in a way that is meaningful to them. This 70-piece set is packed with children's favorite moving elements, including wagons, 2 of which have the new pull-back motors, googly eyes, DUPLO people, doors/windows, and plenty of our standard bricks. These elements are great for building houses, trucks, and cars... the possibilities are endless.

*\*A FREE Active Learning: Ideas for Teachers 8-page booklet is available via a box-inserted coupon.*

9055


**9055 DUPLO Basic Set — Animals \$37.50**

Children love to build animals with this colorful and durable set. The bricks fit together to form clever "pretend animals" such as alligators, penguins, reindeer and birds. This 122-piece set includes curved elements to simulate claws and beaks, black and white elements to extend the color range, screen-printed eye bricks, googly eyes, and plenty of our colorful standard bricks, along with 4 double-sided full-color activity cards

*\*A FREE Active Learning: Ideas for Teachers 8-page booklet is available via a box-inserted coupon.*

0992


**0992 "Our Future Is..." Activity Binder \$27.50**

You can make your life easier with one simple step... incorporate this binder into your learning program. The binder contains a total of 40 preschool and primary activity cards for use with DUPLO or LEGO® early childhood products. Each activity reinforces a number of different skills and curriculum areas. Suggestions for activity variations and extensions are also included. Cards address the major cognitive skill areas and themes found in early childhood education and follow the NAEYC guidelines on developmentally appropriate practices.

**9057 DUPLO Pull-Back Motors \$14.00 NEW**

This set of two pull-back motors will add movement to your whole DUPLO collection. A great add-on!

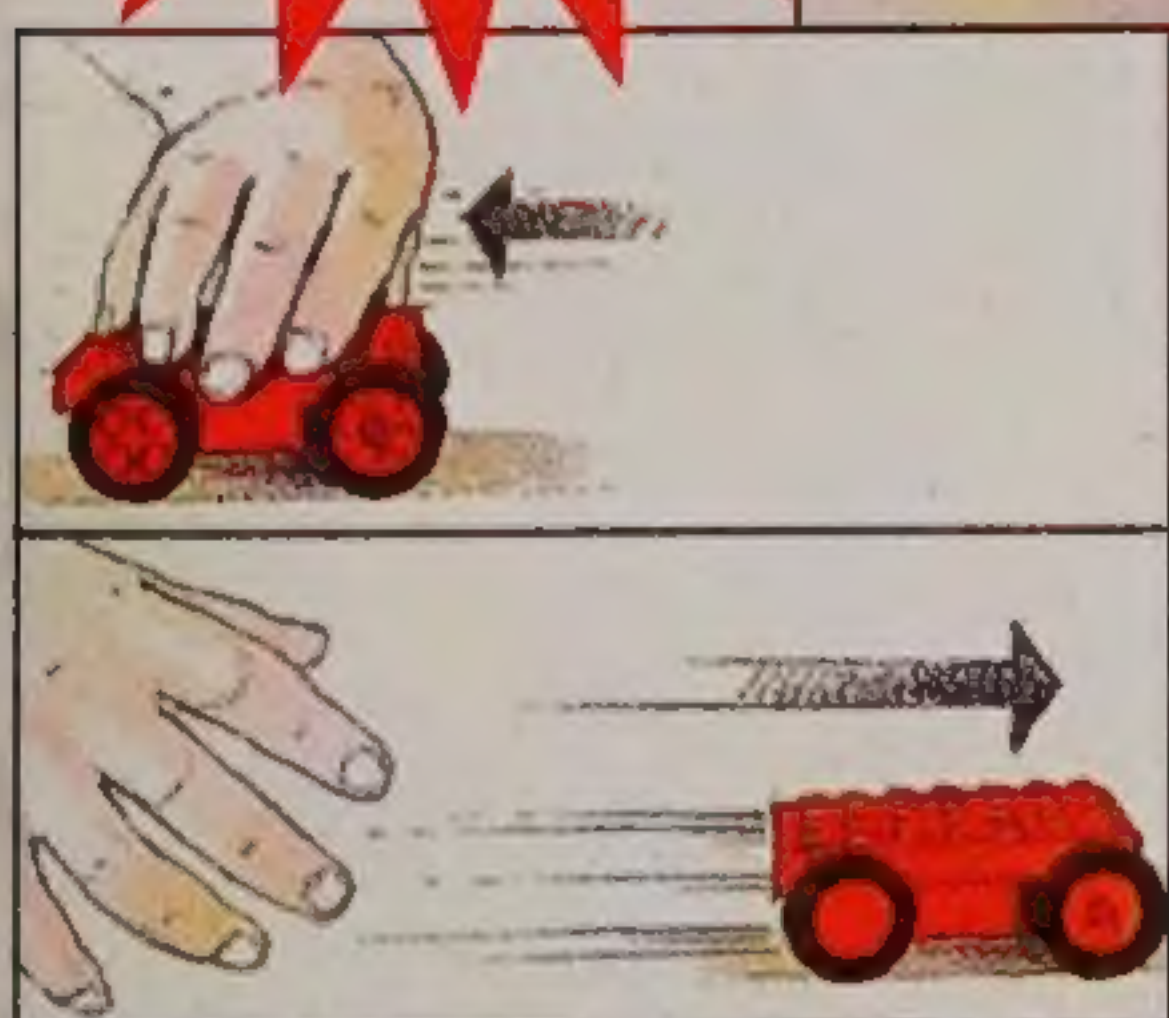
**0703 LEGO Storage Bin \$10.65**

The answer to your storage needs! A sturdy red storage bin measuring 16" x 12.5" x 8". A great way to keep all your LEGO and DUPLO sets clean and organized —stackable too!

9057



NEW



0703





# TRANSPORTATION

Preschool to Grade 1

## Our Community... Transportation

- Around the World
- Going on Vacation
- People We Meet
- Safety
- Energy & Conservation
- Community Vehicles



## Curriculum Support Materials

Developmentally appropriate activity booklets are available free with the purchase of selected LEGO DACTA® transportation sets and are also included in item #0993 seen on page 13. These activities include objectives, materials needed, detailed transportation activity descriptions, and suggested extensions and variations. Pictured to the right, children work with elements from the NEW DUPLO® Harbor (item #9162) to study the properties of floating and sinking. Children are asked to predict what will happen as different objects are placed in the water and then to chart the actual results.

**Materials:**

- DUPLO Harbor set
- Water table or a large container (e.g. 10 gallon aquarium or plastic tub) 2/3 filled with water for small groups of children to use.
- Float and sink objects: DUPLO or LEGO elements, golf balls, rocks, keys, marbles, cubes, pennies, straws, pencils, corks, paper clips.

**Optional Materials:**

- Treasure chests: plastic containers, plastic eggs or zip lock bags.
- Hidden treasures: trinkets, play jewelry, DUPLO and LEGO bricks and play coins covered in foil to represent gold and silver bullion.
- Pictures, posters, brochures about boats, sea life, and sunken treasures

**Recommended Books:**

Oceans by Sally McNulty (Rourke Enterprises, Vero Beach, FL; 1984).  
*If I Sailed a Boat* by Miriam Young (Lothrop, Lee and Shepard, NY; 1971).  
*Boats* by Anne Rockwell (B. F. Dutton, NY; 1982).  
*Oceans* by Martin Bramwell (Franklin Watts, NY; 1984).  
*Let's Discover The Sea* (Raintree Publishers Inc., Milwaukee; 1981).  
*Secrets of the Sea* by Brian Williams (Rourke Publishing Co., FL; 1981).  
*Undersea Treasures* (National Geographic, Washington, D.C.; 1974).

**Activities:**

The following activities are designed for flexible use in a two to six week study of the float and sink theme. We suggest that you select and modify activities to meet the needs of children in your program.

**EXPLORATION**

- Set up a Float and Sink Lesson in the center of the room with the children.

DUPLO or LEGO BASIC sets, a water table gives elements, and the children to add to the files, photographs, their cover illustration.

or LEGO BASIC sets.

in the water table gives elements, and the children to add to the files, photographs, their cover illustration.

put boats and the sea. tions in order to address z. watching videotapes, aquarium or marina.

**Experiment with objects that float or sink.** Place a number of objects, such as DUPLO or LEGO elements, golf balls, rocks, keys, straws, pennies, pencils, rubber bands next to the water table. To encourage the children to experiment with objects that float or sink in water, provide a brief demonstration. Place a cork in the water and say, "Oh, look it floats!" (Give the children an opportunity to comment.) Then say, "I wonder if this golf ball floats." (Try the golf ball). Say, "Hmmm, that's interesting. It sinks." Soon, the children will follow your lead to test each object and comment about the results.

**Note:** Buoyancy is a difficult phenomenon to understand. Basically, we can tell children that buoyancy, or the ability to float, is a property that some things have—just as some children have brown hair and some have blond hair.

**INVESTIGATION**

- Predict whether an object will float or sink before putting it in the water. To do this, collect other items to test. Give a demonstration by saying, "I think this paper clip will float." Try it and say, "Hm, it sinks. How interesting." (Note: Paper clips will sink if placed quickly into the water. They float if placed gingerly on the water's surface due to surface tension.)
- Sort and graph objects that float and sink. (See illustration.) Create a graph using a large sheet of paper or window shade divided into two columns each having grids large enough to place the float and sink objects. Have the children place all the objects that float in the column of the graph that is labeled "float" and place all the objects that sink in the column of the grid that is labeled "sink." Ask the children to compare the number of objects that float to those that sink. Try other questions using numbers.



9162

NEW



SPECIAL OFFER

SPECIAL OFFER



9157

9976



9161

**9162 DUPLO® Harbor \$42.50**  
**NEW**

**Ships Ahoy!** This 34-piece set includes 4 boats that float, a working crane and pulley, a radar detector, a ladder, and 6 seaworthy DUPLO people. 4 full-color activity cards are also included. A wonderful set to explore the properties of floating and sinking, water safety, sea life and the use of maps.

*\*A **FREE** Harbor Sail Boat extension kit and 2 activity cards are available via a box-inserted coupon. A \$10.00 Value Free!*

**9976 DUPLO Airport \$90.00**

**A first class ticket to learning!** This 84-piece set includes a jumbo jet with 2 movable doors and plenty of passenger room, 1 propeller plane, 2 helicopters, 12 movable DUPLO figures, plus a fire engine, a truck with a wagon, a gas pump, a radar detector and plenty of baggage, mail, and oil "commodity" bricks. Appropriate for discussions on the different modes of travel.

*\*Two **FREE** activity cards are available via a box-inserted coupon.*

**9157 DUPLO Vehicles \$34.25**

The 6 hard-working community vehicles in this set include a fire truck, a car with camper, a tow truck, a mail truck, a sanitation truck, and a race car. Seven articulated figures and 6 related "commodity" bricks are also included.

*\*A **FREE** DUPLO Motorbike is available via a box-inserted coupon.*

**9161 DUPLO Train \$77.00**

**All Aboard!** Don't miss this train! This 70-piece set includes 5 articulated DUPLO figures, 2 locomotives, a box car, an animal car, a passenger car, a coal car, a moving clicking crane, a clock, 4 full-color activity cards, and a large 16" x 12.5" x 8" red storage bin. Excellent for role playing community themes and discussions on transportation.

*\*Two **FREE** additional activity cards are available with the purchase of this set.*

**9154 DUPLO Bridges and Rails \$41.50 (not pictured)**

This set of 34 easy-to-put-together pieces and 6 layout/design cards, will increase the role play possibilities of the DUPLO Train and other DUPLO sets. DUPLO vehicles, wagons, and trains fit perfectly on these tracks.



# ANIMALS AND THEIR ENVIRONMENT

LEGO dacta

Preschool to Grade 1

## Our Community.... Animals and Their Environment

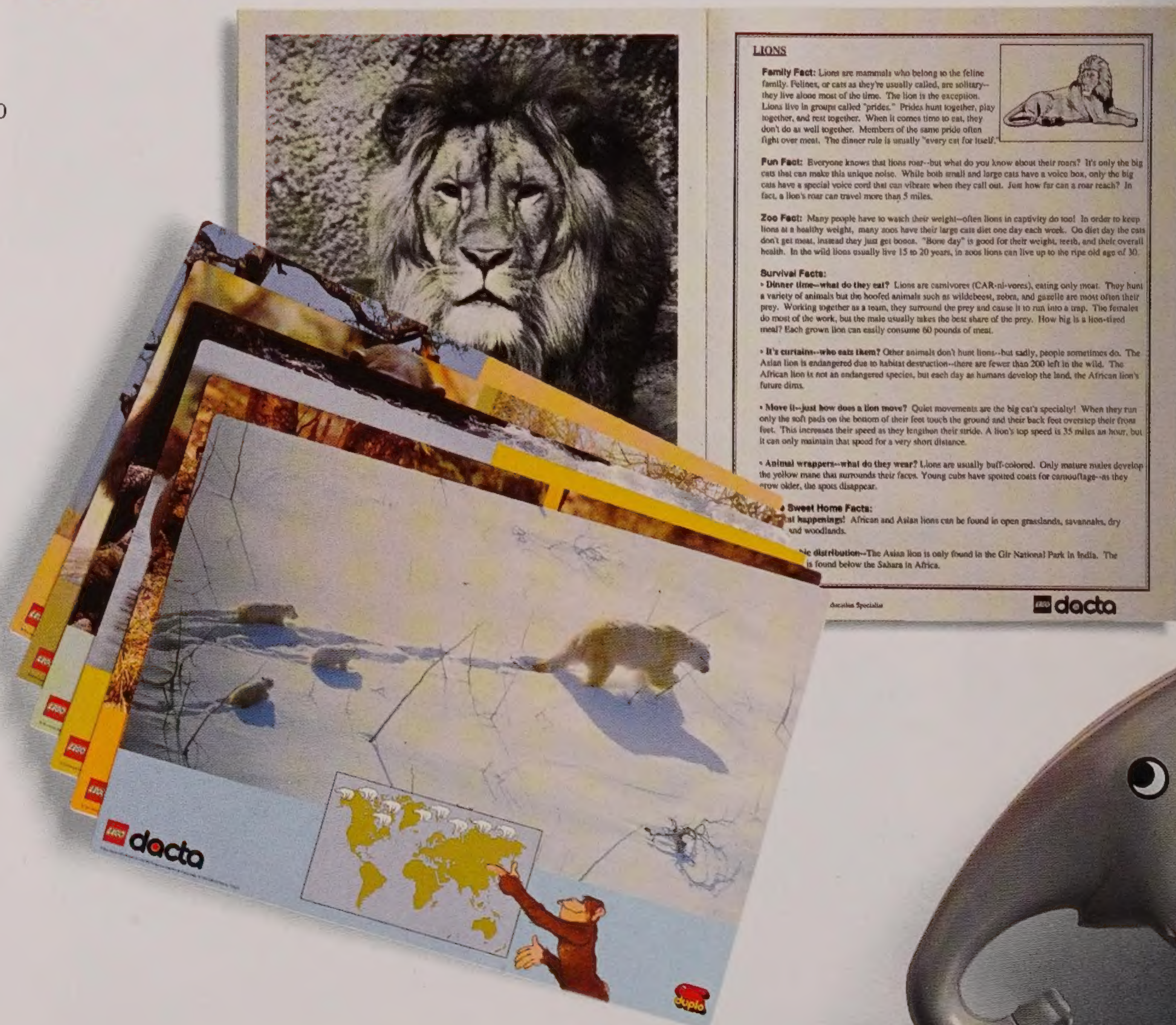
-  Hot & Cold Climates
-  Food Groups
-  Endangered Species
-  Places to Visit
-  Machines That Help Us
-  Animal Care



## Curriculum Support Material

Key fact cards, seen at right, have been written by experts from the San Diego Zoo to supplement the new DUPLO® Zoo set. The front of each card features a real-life photo of each of the 10 different animals inside the set itself. The reverse side offers key facts, including information on what the animals eat, where they live, how they protect themselves, how they care for their offspring and much more. The cards can be adapted to varying age levels and are available free with the purchase of the DUPLO Zoo set.

Six full-color activity cards featuring real-life photos of the animals in their natural habitats, seen at right, are included in the DUPLO® Zoo Set. These cards encourage discussions on the differences and similarities between wild animals, survival facts, zoo facts, eating habits, and fun facts. The reverse side of each card is designed to be used as a puzzle.



### LIONS

**Family Fact:** Lions are mammals who belong to the feline family. Felines, or cats as they're usually called, are solitary—they live alone most of the time. The lion is the exception. Lions live in groups called "prides." Prides hunt together, play together, and rest together. When it comes time to eat, they don't do as well together. Members of the same pride often fight over meat. The dinner rule is usually "every cat for itself."



**Fun Fact:** Everyone knows that lions roar—but what do you know about their roars? It's only the big cats that can make this unique noise. While both small and large cats have a voice box, only the big cats have a special voice cord that can vibrate when they call out. Just how far can a roar reach? In fact, a lion's roar can travel more than 5 miles.

**Zoo Fact:** Many people have to watch their weight—often lions in captivity do too! In order to keep lions at a healthy weight, many zoos have their large cats diet one day each week. On diet day the cats don't get meat, instead they just get bones. "Bone day" is good for their weight, teeth, and their overall health. In the wild lions usually live 15 to 20 years, in zoos lions can live up to the ripe old age of 30.

#### Survival Facts:

• **Dinner time—what do they eat?** Lions are carnivores (CAR-ni-vores), eating only meat. They hunt a variety of animals but the hoofed animals such as wildebeest, zebra, and gazelle are most often their prey. Working together as a team, they surround the prey and cause it to run into a trap. The females do most of the work, but the male usually takes the best share of the prey. How big is a lion-sized meal? Each grown lion can easily consume 60 pounds of meat.

• **It's curtains—who eats them?** Other animals don't hunt lions—but sadly, people sometimes do. The Asian lion is endangered due to habitat destruction—there are fewer than 200 left in the wild. The African lion is not an endangered species, but each day as humans develop the land, the African lion's future dims.

• **More it—just how does a lion move?** Quiet movements are the big cat's specialty! When they run only the soft pads on the bottom of their feet touch the ground and their back feet overlap their front feet. This increases their speed as they lengthen their stride. A lion's top speed is 35 miles an hour, but it can only maintain that speed for a very short distance.

• **Animal wrappers—what do they wear?** Lions are usually buff-colored. Only mature males develop the yellow mane that surrounds their faces. Young cubs have spotted coats for camouflage—as they grow older, the spots disappear.

#### Sweet Home Facts:

• **What happens?** African and Asian lions can be found in open grasslands, savannas, dry woodlands.

• **Home distribution:** The Asian lion is only found in the Gir National Park in India. The African lion is found below the Sahara in Africa.

dacta



9160

**SPECIAL  
OFFER**



### 9160 DUPLO® Zoo \$90.00

Watch as your children explore the zoo and make the animals come alive right in your own classroom! This 92-piece set rounds up 10 different zoo animals and their offspring. The 21 animals included in this set are; lions, tigers, polar bears, giraffes, sea lions, monkeys, alligators, hippopotami, an elephant, and a panda. Also included in this set are trees and environmental base plates to enhance role play possibilities. The zoo is excellent for promoting discussions on animals and their offspring, similarities and differences between animals, and environmental issues.

*\*A **FREE** full-color poster and 10 animal key fact cards are available via a box-inserted coupon. A \$15.00 Value Free!*

#### Zoo Poster

This FREE 24" x 33" full-color poster is available with the purchase of the DUPLO Zoo! This beautiful poster features actual habitat photographs of each animal from the set plus a map of the world on which to plot where each species can be found. Hang it on the wall all year long and use it to support all of your animal theme projects. (not sold separately)



1040



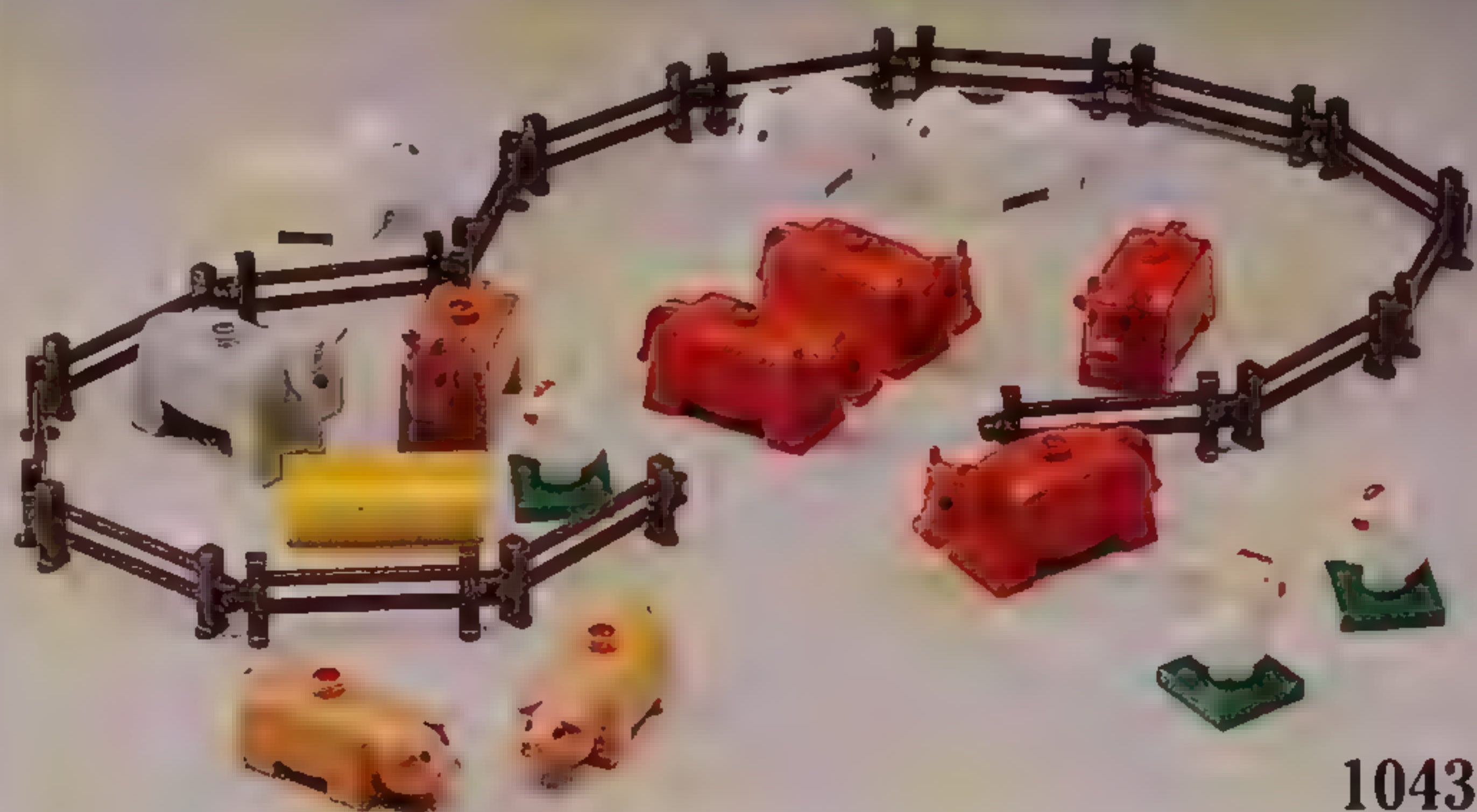
### 1040 DUPLO Farm \$70.00

Bring the excitement of a farm into your classroom with this 76-piece DUPLO set. It comes complete with a realistic farm house with windows and doors that open and close, furniture, tractors, shovels, movable DUPLO farm workers, a windmill that turns, a moving conveyor belt, a tiller, a 15-page picture book and, of course, plenty of our hardy farm animals. Let the children choose their own favorite animals from the sheep, pigs, horses, cows, hens and roosters provided. This set is great for discussions on the farm machines that help us, food groups, animals that live on the farm, and community helpers.

*\*A **FREE** 4 page activity booklet is available via a box-inserted coupon.*

### 1043 DUPLO Farm Animals \$21.00

Fourteen farm animals are herded into this one set. Cows, sheep, pigs, horses, hens, a rooster, lots of fencing, and a trough help you bring the barnyard into your classroom. Use this set for story starters, for classifying the animals, and for matching activities.



1043



# HOME, FAMILY, & NEIGHBORHOOD



Preschool to Grade 1

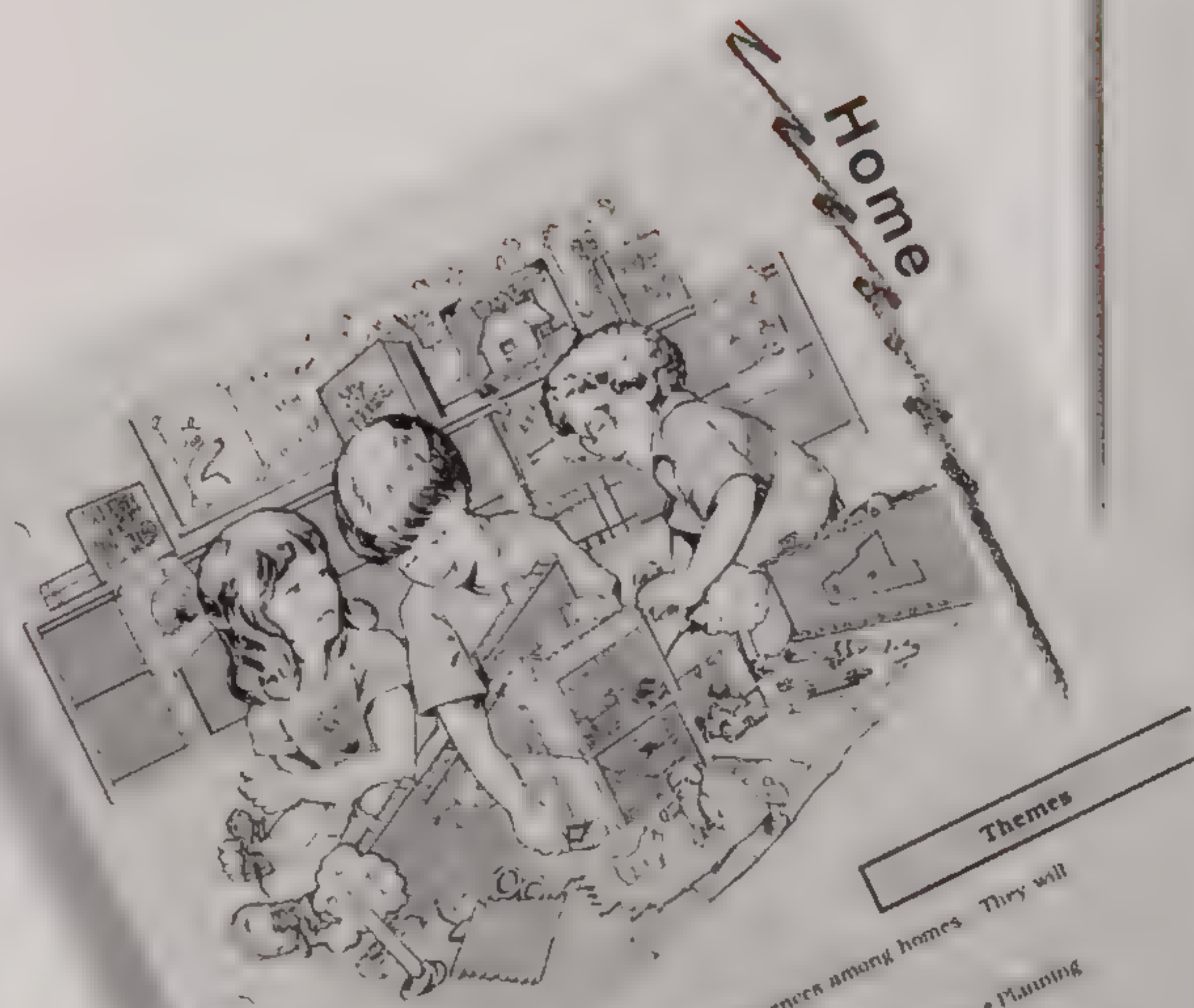
## Our Community... Home and Neighborhood

-  Homes; Real & Imagined
-  Me, My Home, My Family
-  People Who Help Us
-  The World Around Us
-  Health & Hygiene
-  Nutrition



## Curriculum Support Materials

Children recreate their "real world" through symbolic play to represent what they know and think. With the DUPLO® Home, DUPLO Home Environment, and DUPLO Basic Sets, children recreate and build their homes and role play their experiences. Observing children playing with the home theme helps you understand their thinking and life experiences. Pictured, to the right, is a sample of an activity card available free with the purchase of selected LEGO DACTA® sets and is also included in the "Our Future Is..." Activity Binder (item #0992). In the activity, children construct a home. As the children place furniture and appliances in the rooms they role play where things belong and how we use them. Home safety tips are reviewed and good hygiene practices are also discussed within this activity card.



### Preparation and Exploration:

To enhance the home theme and the children's understanding of the differences among homes

- Read to the children books about homes, such as:  
*A House for Everyone* by Betty Miles (Alfred A. Knopf, 1958)  
*A House Is a House for Me* by Mary Hoberman (Penguin, 1982)  
*A House So Big* by Joan Lexau (Harper & Row, 1968)  
*The House That Had Enough* by P. E. King (Golden Book, 1986)  
 Discuss homes with children. Have them make a collage of different kinds of homes (apartment buildings, A-frames, mobile homes, single family dwellings, tents, and igloos). Ask the children to bring in pictures of their homes, if possible. Display these in the LEGO Preschool Building Center. Label the display "Our Homes".
- Let the children cut pictures of appliances, furniture and home fixtures from catalogs and magazines to create collages of home interiors.

### Activities:

Extend the children's learning in the DUPLO Building Center:

- As they construct a home, encourage them to talk about what they are doing. Use terms, such as roof, floor, ceiling, slanted, flat, entry, and story (as in a two-story house).
- As children place furniture in the rooms, talk with them about where things belong and how we use them.
- Talk about and role play home safety tips, such as ways to be safe around the fireplace and ways to use pots and pans safely on the stove.
- Use the appliances and furnishings in the kitchen to extend nutritional practices.
- Role play good hygiene practices. Practice them daily.
- Have children enhance their home building environment with other materials such as green plants, clay, construction paper, fabric pieces, rocks, and sticks.

Encourage further extension by adding other DUPLO or LEGO building sets into the center. The children might make a playground, a grocery store and a school to go with their DUPLO Home. The addition of the DUPLO Home Environment may lead to the building of apartment units. If you include DUPLO Animals, the home might become a farm house. With the DUPLO Family Workers, the building might become a fire station or police station. Add more elements to construct fire engines or police cars. With enough materials, children could decide to construct an entire city. Follow their lead to add whatever you think might enhance their theme play. Provide paper, crayons, markers and pencils so that children can create labels and signs for their constructions.

Contributed by Pam Olsen Wright, Richmond, VA



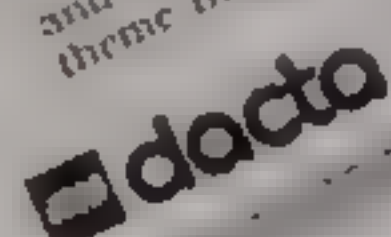
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 LEGO Dacta Canada, 831 Avenue St., Markham, ON, Canada L3R 9V7 (416-440-0000)

**LEGO's Preschool Objective:**  
 Children will understand the differences among homes. They will construct homes.

**Skills and Curriculum:**  
 • Whole language skills  
 • Design  
 • Cooperative play  
 • Planning

**Materials for the Preschool Building Center:**  
 • DUPLO or LEGO Basic Set  
 • DUPLO World People  
 • DUPLO Vehicles  
 • DUPLO Home  
 • DUPLO Family Workers  
 • DUPLO Home Environment  
 • DUPLO Animals  
 • Construction materials  
 • Crayons, markers and pencils

Young children recreate their "real world" through building and symbolic play to represent what they know and think. With the DUPLO Home, DUPLO Home Environment and the DUPLO Basic Set, children recreate their homes and role play their experiences. Observing children playing with the home theme helps you understand their thinking and life experiences.





☐ Please send me the information I have checked below.

☐ 2 FREE Early Childhood Activity Cards    ☐ Additional Copy of this brochure

☐ I do not wish to receive any information at this time, but please add me to your mailing list so I can receive future information on LEGO DACTA products and services.

Please fill out this prepaid postcard completely.

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Grade Level: \_\_\_\_\_

Subject Area(s): \_\_\_\_\_

School Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone No.: (home) \_\_\_\_\_ (work) \_\_\_\_\_

Best time to call: \_\_\_\_\_ a.m. \_\_\_\_\_ p.m.



If you have any additional questions  
please call us at 800 527 8339.

Thank You



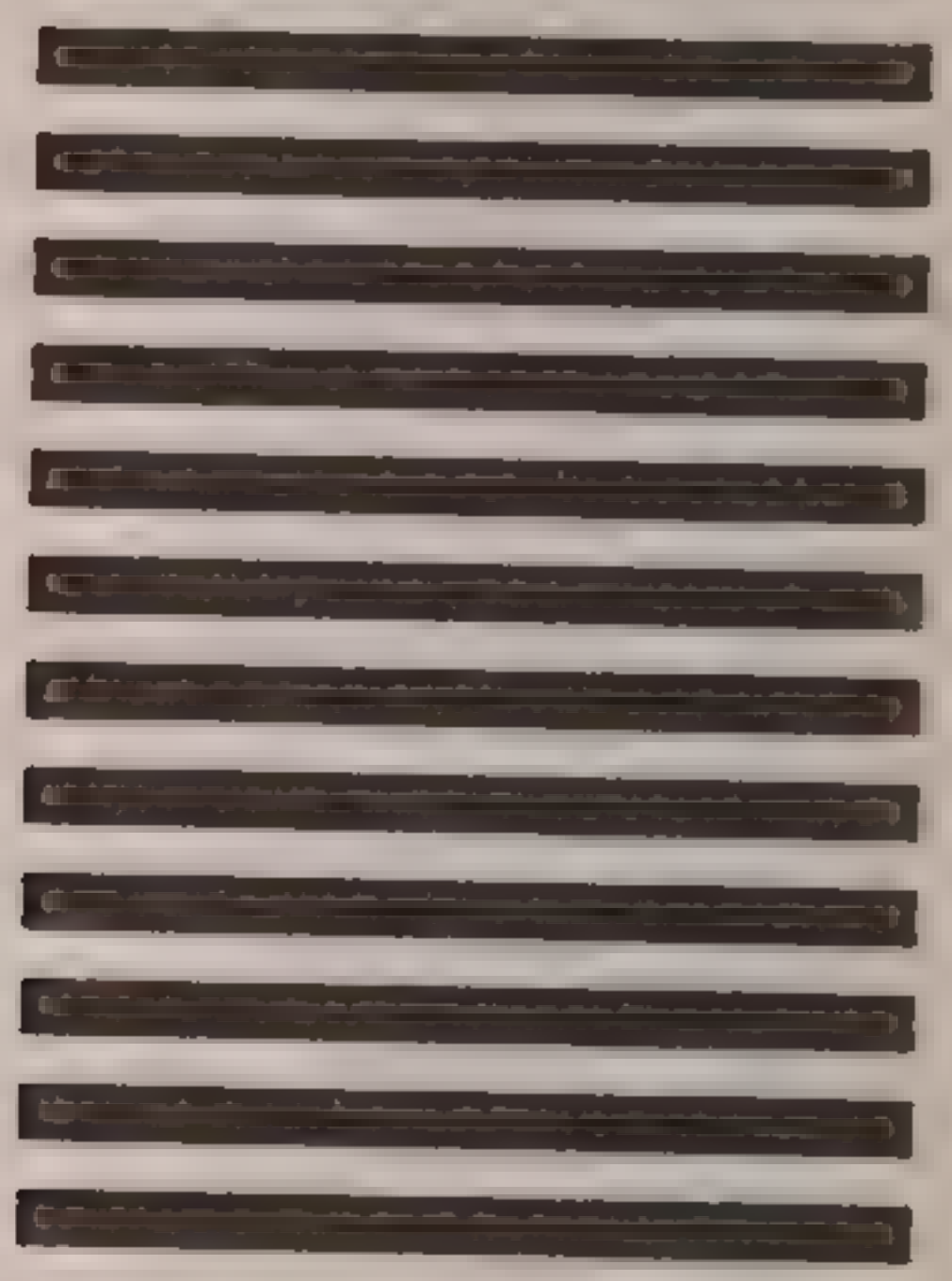


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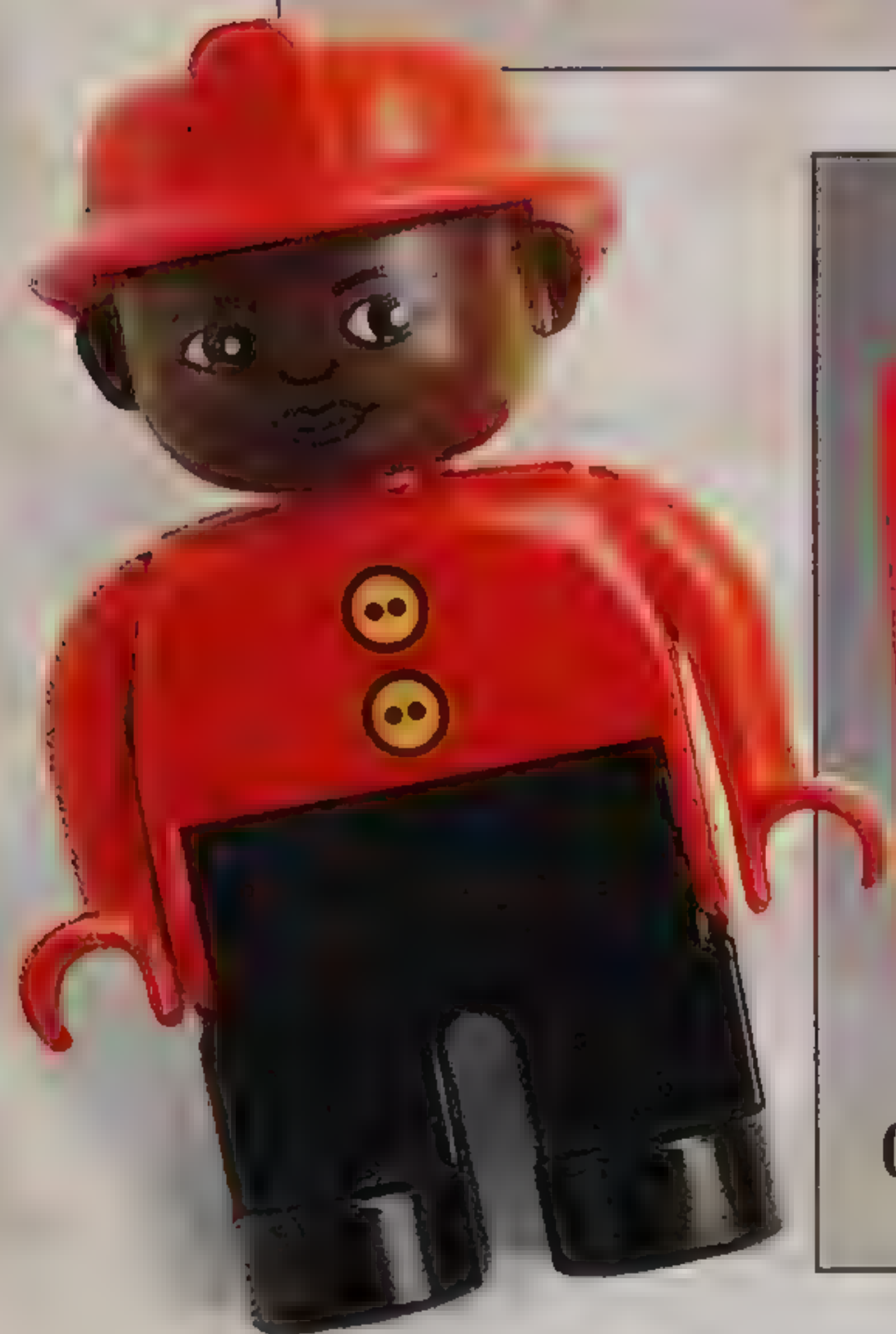


9977

**SPECIAL  
OFFER**



9980



0993

**NEW**



9978



9979

**9977 DUPLO® Home \$140.00**

This gigantic 123-piece set invites many children to become involved in building simultaneously! The open roof design allows access for little hands and encourages cooperative play. Included are 5 articulated family members, 2 dogs, a door bell that really rings, and enough furniture to fill every room in the house. Discussions on hygiene, home safety, and nutrition arise naturally as the children manipulate the various elements.

*\*A set of DUPLO World People (#9980) available **FREE** via a box-inserted coupon. A \$25.50 Value Free!*

**9980 DUPLO World People \$25.50**

These 18 articulated figures add an authentic touch to family and career role play. Black, Asian, Caucasian, and Hispanic families are featured. This set is a must when exploring the themes of "Me and My Home," "My Family" and "My Community".

*\*Two **FREE** activity cards are available via a box-inserted coupon.*

**0993 DUPLO Theme Activity Card Pack \$15.00 NEW**

Contains 15 activity cards relating to themes commonly found in early childhood curricula such as: Community, Transportation, Me, My Home and Family, and Weather. These cards relate directly to all DUPLO Theme sets and follow the NAEYC guidelines for developmentally appropriate practices.

**9979 DUPLO Family Workers \$25.50**

This set of 18 articulated figures includes 8 family members and 10 community helpers, a great addition to any theme on the family, community, or transportation. Grandma and grandpa, a medical worker, a mechanic, a fire fighter, and many more, each with different attire.

*\*Two **FREE** activity cards are available via a box-inserted coupon.*

**9978 DUPLO Home Environment \$48.00**

This 74-piece set contains everything you need to add reality to your children's home role play. It features refrigerators, beds, mirrors, a bathtub that can be filled with water, 4 movable DUPLO family figures, a TV, sofa, tables, chairs, lamps, screen printed food bricks depicting the 4 food groups, a sink, and much more.

*\*Two **FREE** activity cards are available via a box-inserted coupon.*



# DUPLO® AND LEGO® PLAYTABLES



Preschool to Grade 3

## The LEGO DACTA® Playtable:

-  Durable
-  Sturdy & Versatile
-  Innovative Design
-  Removeable Top for Easy Cleaning
-  Quick Assembly
-  Affordably Priced



## The LEGO DACTA Playtable:

- is durable enough to last for a life-time of learning and fun.
- is very sturdy; both the frame and legs are constructed of solid ash.
- is very versatile, an optional laminate cover which fits directly over the DUPLO or LEGO table top is available. In one simple step this cover can transform your building table into a game or lunch-time table.
- measures 27" × 27" × 20" high and is designed so that children can sit, kneel or stand while working or playing.
- has over 4 square feet of building space! The table top is covered completely with your choice of LEGO or DUPLO building plates, which can be removed for easy soap and water cleaning.

*"I purchased the DUPLO Playtable to promote creativity in our 3,4, and 5 year olds. The table helps develop their fine motor skills, cooperative play and increases language development as the children work together."*

Ms. Jan Hile  
Peace Luthern Preschool  
Greencastle, IN

*"It looked like a sturdy piece of furniture which would encourage imaginative, cooperative play. I have never been disappointed with the quality of any LEGO product."*

Ms. Elaine C. Schaeffer  
Waltham Day Care Center, Inc.  
Waltham, MA

*"We had heard wonderful things about it from other early childhood people, and when our parents asked what we would like as an end of the year gift for the nursery school, the playtable came immediately to mind."*

Ms. Kay Byram  
Temple Shalom Nursery School  
West Newton, MA

*"The table allows children to keep the structures they have built together until the next day. At clean-up time their pieces do not have to be taken apart. Also the table allows for more play space."*

Ms. Kathleen Noe  
St. Pauls Nursery and Day School  
Alexandria, VA





0010  
9987  
9988

0094



0093



0703



0011

### 0010 LEGO® Playtable with Gray Top \$270.00

The LEGO DACTA® playtable is guaranteed to keep your children occupied for hours! LEGO elements fit perfectly on the playtable which is a welcome addition to any play area or learning center. The playtable is sturdy; both the frame and legs are constructed of solid ash. The finish is an alcohol and water resistant catalyzed varnish which can easily be washed with soap and water. The table top can be removed completely from the frame for cleaning purposes.

\*A **FREE** red storage bin measuring 16" × 12.5" × 8" is available via a box-inserted coupon.

### 9987 DUPLO® Basic Bucket \$24.25

Do you need extra DUPLO bricks to use with your new DUPLO Playtable? This 65-piece bucket includes DUPLO bricks in 4 bright colors and 8 different shapes along with special elements such as eye bricks and curved elements shaped like claws and beaks. A great value for your classroom.

### 9988 LEGO Basic Bucket \$26.90

Need extra LEGO bricks for your new LEGO Playtable? This 445-piece bucket includes LEGO bricks in 6 colors along with lots of specialty pieces such as flowers, doors, trees, and finger puppet figures. All in a convenient storage bucket.

### 0094 DUPLO Playtable with Green Top \$270.00

This DUPLO table top will accommodate all the DUPLO pieces you have in your center or classroom.

\*A **FREE** red storage bin measuring 16" × 12.5" × 8" is available via a box-inserted coupon.

### 0093 DUPLO Playtable with Red Top \$270.00

This DUPLO table top will accommodate all the DUPLO pieces you have in your center or classroom.

\*A **FREE** red storage bin measuring 16" × 12.5" × 8" is available via a box-inserted coupon.

### 0011 Laminated Table Cover \$60.00

This versatile table top will extend the uses of your Playtable by converting it into a game, lunch or activity table.

### 0703 LEGO Storage Bin \$10.65

The answer to your storage needs! An extremely sturdy red storage bin measuring 16" × 12.5" × 8". A great way to keep all your LEGO and DUPLO sets clean and organized - it's stackable too!



# PROBLEM SOLVING & WHOLE LANGUAGE

Kindergarten to Grade 1

## As We Grow... LEGO® Basic

-  Patterning
-  Problem Solving
-  Cooperative Learning
-  Creativity
-  Imagination



## Curriculum Support Materials

Through hands-on experiences, children become actively involved in their own learning. With the LEGO® building pieces, children can create simple constructions and then combine them to form more complex structures. In much the same way, children build upon simple concepts to form more complex knowledge structures. The sample activity card to the right, Invent a Machine, is found in the "Our Future Is..." Activity Binder (item #0992) and is also available free with the purchase of selected LEGO DACTA® sets. Children attempt to design and construct a machine and use expressive language to name it and describe what it can do.

### Invent a Machine

#### Objective:

The children will attempt to design and construct a machine and use expressive language to name it and describe what it can do.

#### Skills and Curriculum Reinforced:

- Creativity
- Imagination
- Ability to plan, construct and evaluate
- Expressive language and vocabulary development
- Names of machines
- Descriptions of machine movement

#### Materials Needed:

- DUPLO® Basic Set
- LEGO® Basic Set
- Other items such as string, popsicle sticks, paper tubes, spools, paper, crayons, paint, brushes, scissors, construction paper, etc.

#### Books to Share:

Many exciting and appropriate books on machines can be found at your school or local library. The following are a few suggested titles for the book nook or learning center.

*Mac, Nelli*

81

© (McGraw-Hill, 1985)  
© (Min, 1989)

#### Activity:

Ask the children to think about a machine that they would like to invent. They can design it to do anything they want. The machine may be useful to them, or to their families or perhaps to the whole world! For example, they might build a DUPLO or LEGO machine to deliver snacks, or to entertain the baby or even to send a hug to anyone in the world.

Encourage the children to use other materials to create different parts for the machine. Children may wish to draw scenery around their machine.

Ask the children to share their creation with their friends. Encourage them to talk about how they made it and the problems they solved while building it.

- Tell me about your machine.
- How did you make that part?
- How does it work?
- What are some things that your machine does?
- What are your reasons for building this machine?
- How is the machine used and by whom?
- If your machine makes noise, what kind of sound does it make?
- If your machine moves, show me how it moves.
- What do you like best about your machine?

#### Variations and Extensions:

1. Design a "machine museum" exhibit in a special area in the classroom or in the school. Place a sign with the machine's name, function and the name of the inventor next to each model.

2. Ask the children to create stories about their invention. For younger children, let them dictate or tape record a story of how their machine works. Older students can write their own stories. Display the machines and their stories at the special interest table or in the school's display case. Check with your local library or bank for future display possibilities.

3. Build machines from different media such as boxes and bags. Consider using an empty refrigerator carton to construct a very large machine.





9252



### 9252 Large LEGO® Basic Set \$60.00

The sky's the limit with this 616-piece set which contains 90 basic elements in 5 bright colors, quarter-circle elements, wheels, finger puppet figures, propellers, windows, doors, 4 building plates, 4 double-sided activity cards, a large red storage bin and much more! This set will extend classification activities and hands-on activities such as patterning, matching and problem solving.

*+20 FREE activity cards are available via a box-inserted coupon.*

### 9262 Extra LEGO Bricks \$27.00

Give your children the pieces they need for more complex building projects. This 438-piece set includes 78 basic pieces in 5 bright colors and 48 beams of different colors and sizes for lots of imaginative structures. This is an excellent supplementary set.

*+A FREE Active Learning: Ideas for Teachers 8-page booklet is available via a box-inserted coupon.*

### 9264 Large LEGO® Building Plates \$14.00

A set of 2 gray and 2 green building plates, each measuring 10" x 10". Great for math activities and group projects.

### 0992 "Our Future Is..." Activity Binder \$27.50

You can make your life easier with one simple step . . . incorporate this binder into your learning program. The binder contains a total of 40 preschool and primary activity cards for use with DUPLO or LEGO early childhood products. Each activity reinforces a number of different skills and curriculum areas. Suggestions for activity variations and extensions are also included. The cards address the major cognitive skill areas and themes found in early childhood education and follow the NAEYC guidelines on developmentally appropriate practices.

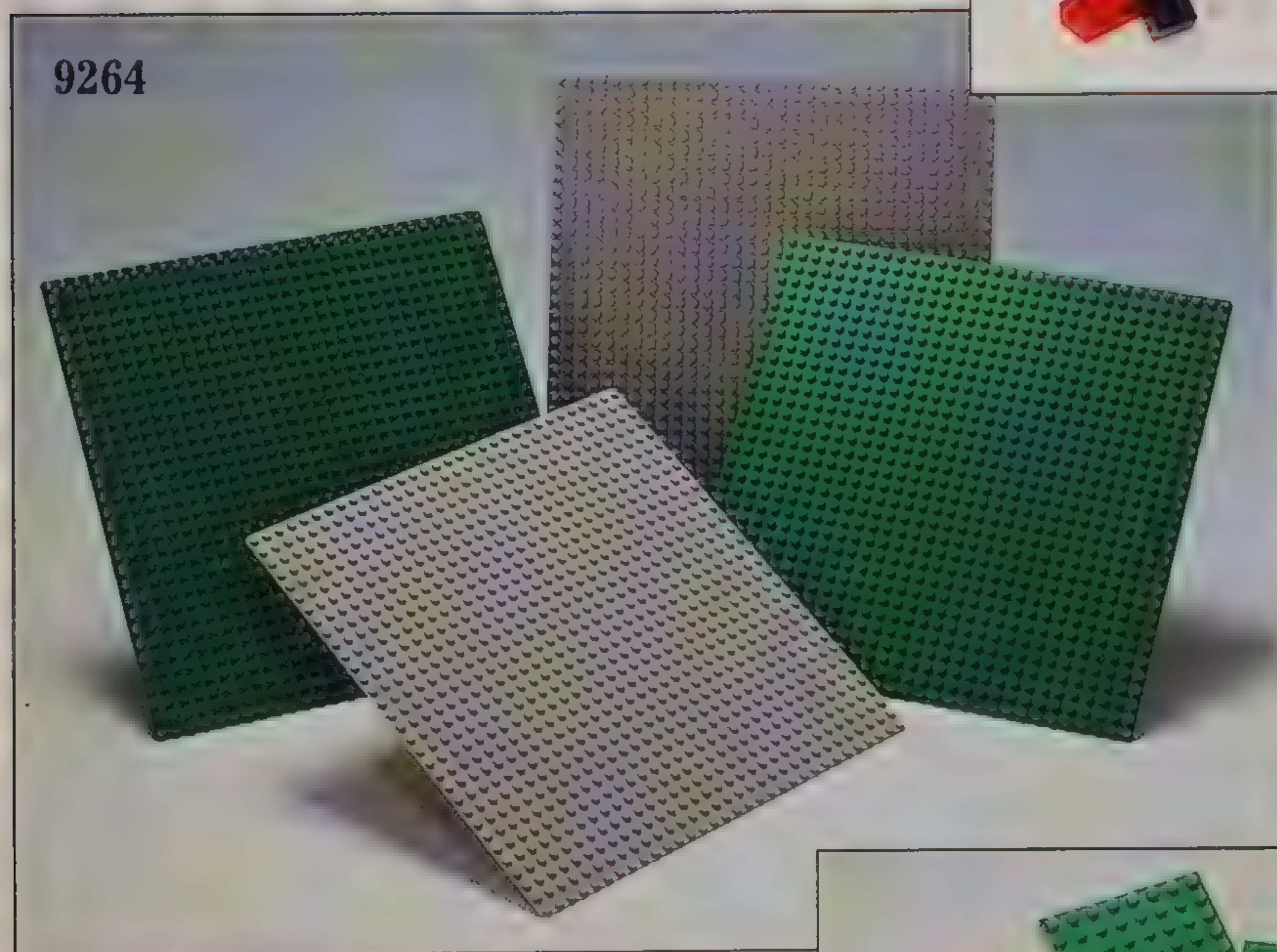
### 9266 Small LEGO Building Plates \$8.50

This set includes 2 red, 2 green and 2 yellow base plates. Students can build scenes from the red plains of Mars, the green grass of home, or the yellow sands of the Sahara. Each building plate measures 2.5" x 5".



9262

9264



0992



9266



# PROBLEM SOLVING & WHOLE LANGUAGE

## Kindergarten to Grade 1 As We Grow.... LEGO® Basic

- LEGO Construction
- LEGO Experimentation
- LEGO Socialization
- LEGO Creativity
- LEGO Language Development



## Curriculum Support Materials

Help your children master basic construction principles and then watch as they use this knowledge as a stepping stone into problem solving, building a foundation for more complex project work later. The sample activity card pictured at right encourages not only these basic construction principles but also addresses math, language and social studies. In the Roll, Count & Guess activity, found in the "Our Future Is..." Activity Binder (item #0992) and available free with selected LEGO DACTA® sets, the children use the DUPLO® and LEGO® building pieces to play a counting game in which they work together to build a large creative model. Once the model is built the children are asked to estimate the number of pieces used to build it.

### Roll, Count and Guess

#### Objectives:

The children will attempt to identify and count numbers using DUPLO® or LEGO® building elements. The children will attempt to estimate the number of elements in a model or set.

#### Skills and Curriculum Reinforced:

- Counting
- Recognizing numbers
- One-to-one correspondence
- Estimating
- Following directions
- Cooperative learning
- Creativity and imagination
- Formulating logical questions
- Building math concepts: addition and subtraction

#### Materials Needed:

- DUPLO Basic®
- 1 die

#### Activity:

The children use the building elements to play a counting game in which they work together to build a large creative model. To play, the children take turns rolling the die. The child who rolls the die identifies the number rolled and takes that number of elements from the container. Then the child uses the selected elements to start building the group's model. As the children take turns, they add their elements to the model.

After each child has had a number of turns, the teacher encourages the children to review the model.

- What are some of the things you need to remember when building a group model?

Next, ask the children in each group to look carefully at the model and estimate the number of elements used to build it. (An estimate is just a good guess.) Record the estimates made by the group. Ask the children to talk about the methods and factors they used for making their estimates.

To determine which is the closest estimate, the children count the number of elements in the model. Depending on the ability level of the children, they can count by 1's, 2's, 5's or 10's. Another method is to have each child count a section of the model and add his or her count to the others in the group. This is an excellent time for the children to use calculators in determining the sum of a group of objects.

As the children continue to practice estimating, their guesses will become increasingly more accurate.

#### Variations and Extensions:

1. Play the game individually.
2. After the children build a model, change the rules. Ask the children to roll the die and put the number of elements shown on the die back into the container. The challenge is to remove elements in such a way that the model does not fall apart or topple over. The children continue taking turns until all the elements of their creation disappear. What a wonderful way to clean up!





9254



### 9254 Medium LEGO® Basic Set \$34.50

This 304-piece set contains 34 different basic elements in 5 bright colors, 8 large and 8 small pairs of wheels, finger puppet figures, windows, doors, 2 small building plates, new quarter-circle elements, propellers, fencing and much more. Design your own puppet theater for a language development activity or a "math with manipulatives" game to include activities on sorting, classifying, and patterning. Build models to relate to your curriculum units. The ideas are endless...

\*A **FREE** Active Learning: Ideas for Teachers 8-page booklet is available via a box-inserted coupon.

### 9256 Small LEGO Basic Set \$16.00

This set is perfect for one-on-one project work and also will extend the special functions of other LEGO Basic sets. Contains 84 pieces, including wheels, windows, doors, finger puppet figures, propellers, new quarter-circle elements and much more!

\*A **FREE** Active Learning: Ideas for Teachers 8-page booklet is available via a box-inserted coupon.

### 0703 LEGO Storage Bin \$10.65

The answer to your storage needs! A sturdy red storage bin measuring 16" x 12.5" x 8". A great way to keep all your LEGO and DUPLO® sets clean and organized - stackable too!

### 9257 LEGO Pull-Back Motors \$15.00 **NEW**

Two pull-back motors will add movement to your whole LEGO collection.

### 9988 LEGO Basic Bucket \$26.90

This giant bucket of bricks is sure to win praise from your children. This 445-piece set includes LEGO bricks in 6 bright colors along with lots of specialty bricks such as flowers, wheels, windows, doors, trees, propellers, and LEGO finger puppet figures... everything you could possibly need in a convenient stackable storage bucket. This set further develops your children's fine motor skills, problem solving skills, and creativity.



9256



0703



9257



9988







9353



### 9353 Large LEGO® Theme Set \$70.00

This set will enhance creative thinking and problem solving skills due to the open-ended design of many of the pieces. This set contains 896 pieces including 2 large green building plates, basic bricks, specialty bricks, roof elements, wheels, windows, doors, 24 people, 2 brick separators, 4 double-sided activity cards, and a large red 16" x 12.5" x 4" storage bin. Discover the world of the future, explore the solar system, invent new forms of energy, or discuss current events.

*\*A **FREE** Creating Themes Teacher Guide and 8 double-sided activity cards available via a box-inserted coupon. A \$27.00 Value Free!*

### 9375 Creating Themes: LEGO Early Elementary Theme Teacher Guide \$27.00

This 40-page big book with 8 double-sided activity cards provides you with ready-to-use activities in 8 themes commonly found in any early elementary curriculum. Each theme includes:

- A story
- A large illustration for display
- Discussion questions and activities in the areas of language, math, science and health
- An activity card
- Several types of LEGO problem solving building activities

### 9355 LEGO® Theme Space Set \$53.00

This set is designed around a theme that will easily integrate into your curriculum. It can accompany discussions on space, space travel, and technology. Contains 537 elements, including 8 figures, 4 building plates, wheels, 2 brick separators, 4 double-sided activity cards that serve as a thematic starting point for whole language, 1 large red storage bin that will give you the "space" to store your out of this world creations and enough elements to build interesting space vehicles, launch pads, and buildings. Study, explore, and recreate the world of N.A.S.A. right in your own classroom!



9355





# THEMES & PROJECT WORK

Grade 1 to Grade 2

**As We Grow...**

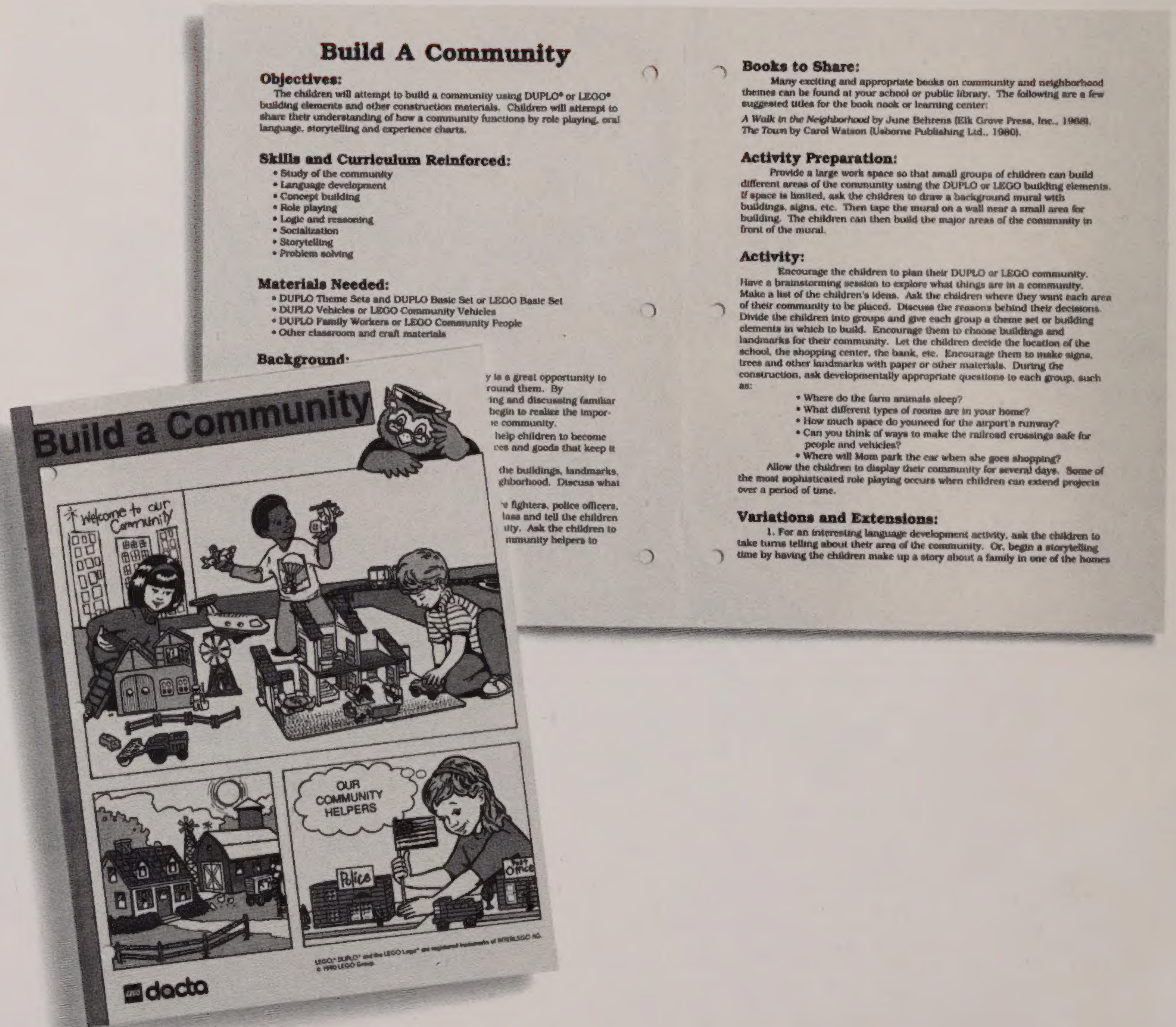
**LEGO® Environment**

-  Shops and Shopping
-  Vehicle & Traffic Safety
-  Community
-  Transportation
-  Home and Family



## Curriculum Support Materials

A study of their neighborhood or community is a great opportunity to help broaden children's perspective of the world around them. By building models of familiar places and by role playing and discussing familiar people and services in your area, the children will begin to realize the important ways people support and help each other in the community. In the activity pictured to the right, from the "Our Future Is..." Activity Binder and available free with selected LEGO DACTA® sets, children attempt to build a community using DUPLO® and LEGO® building pieces and other construction materials. Children share their understanding of how a community functions by role playing, oral language, storytelling, and experience charts.





9356



### 9356 LEGO® Town Environment Set \$51.00

Watch as your children make their community come alive. 625- elements give your students enough pieces to map out and build their entire community. This set includes 2 large green building plates, figures, roof tiles, windows, doors, furniture, trees, 2 brick separators, 4 double-sided activity cards, hundreds of basic elements, and a large red 16" × 12.5" × 4" storage bin. This set is flexible enough for many primary math activities, such as estimation, area and perimeter as well as early childhood themes.

### 9361 LEGO Community People \$26.75

The people that are responsible for making your community run smoothly are all found in this one set. This set contains 114 pieces, including 24 different occupational figures, 6 motorbikes, 6 bikes, and various tools for the figures to use. This is a good supplement to any existing LEGO Theme set in your classroom.

### 9354 LEGO Community Vehicles \$ 56.00

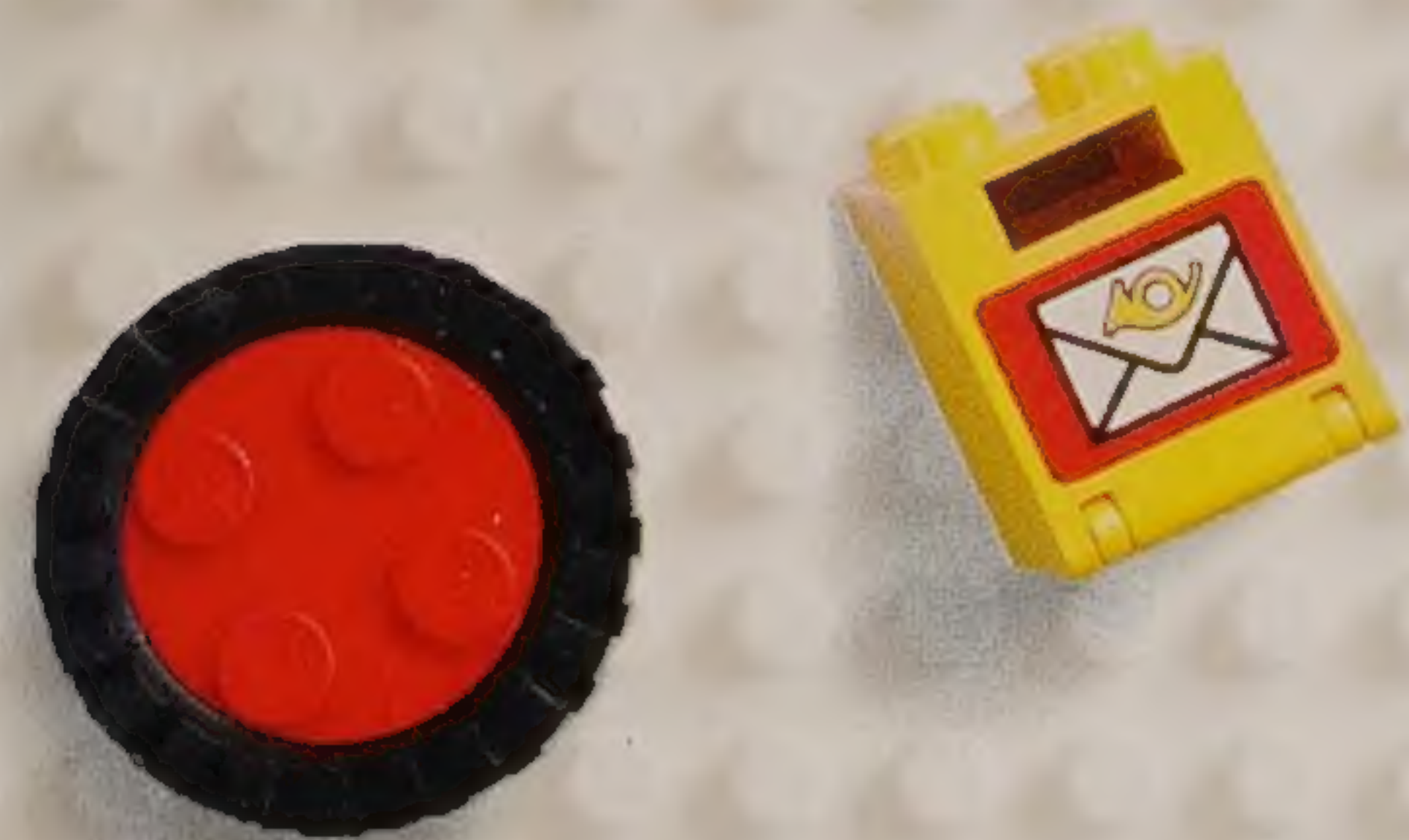
Build the vehicles that make your community a safer place to live. This set contains 477 pieces, including 12 different occupational figures, 4 road plates, wheels, windows, specialty elements for the construction of 11 of the most common occupational vehicles, 2 brick separators, 4 double-sided activity cards, and a large red 16" × 12.5" × 4" storage bin. These vehicles are appropriate for discussions on occupations, life and issues in the city versus the country, role play, and language development.

**9362 LEGO Road Plates \$22.00**  
On the road again! This set contains 8 road plates that simulate streets and roads. There are 2 straight, 2 curved, 2 crossing, and 2 T-crossing road plates, each measuring 10" × 10". A fine supplement for any LEGO or DUPLO® large town environment. Discussions on traffic safety are a natural with this set.

9361



9354



9362





## CUSTOMER SUPPORT SERVICES

### Support Materials

Call Sarah McDonald for further information on **free** classroom support material from LEGO DACTA®. We would also love to hear your success stories with these products!

### Curriculum Support

Where appropriate, teacher guides and pictorial activity cards are provided in many of our sets. Activity Binders and Activity Card Packs are also available separately (see pages 7 and 13 in this brochure).

### Training

**Free** staff development workshops are available in certain states to assist teachers in exploring the possibilities of LEGO DACTA materials for classroom use. Call to find out more about this cost-free workshop program.

### Grant Proposals

Are you having difficulty obtaining funds for purchasing LEGO DACTA products? Consider writing a grant proposal to a local or national funding agency. Once you have identified a funding agency with an appropriate grant program, LEGO DACTA can provide free grant proposal preparation assistance, including program suggestions, review of draft proposals, writing assistance for equipment and training sections of proposals, and professional literature references. For first-time grant proposal writers, a **free** tip sheet is available on request.

### Literature

Do you need extra copies of this brochure to distribute to your colleagues or to supplement handouts at a workshop or conference presentation? Call us or return the enclosed postcard for additional copies.

LEGO DACTA Early Childhood products are only available through Educational Dealers and your local school supply stores. Please contact us for a list of dealers in your area.

All prices for LEGO DACTA products in this catalog are valid through January 1, 1993.

All prices listed in this catalog are suggested retail prices.

### LEGO DACTA

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1-800-527-8339

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